



GLAST Monthly PSR

GLAST SSC

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Accomplishments

- ▶ *The SSC and the LAT team have negotiated the format of the science tools the LAT team is responsible for developing and the SSC for providing to the scientific community. The SSC is providing resources; much has been accomplished.*
- ▶ *The SSC has teams devoted to: 1) mission timeline and command passing, 2) data ingest, 3) computer architecture, 4) computer security, 5) website, and 6) schedule. Progress has been made on all fronts.*
- ▶ *We are maintaining an orbit simulator to support the Project Scientist. After launch this simulator will be used for mission planning, and GI support. We will ensure that our orbit simulator is consistent with orbit simulators used elsewhere in the ground system (e.g., at the MOC).*



More Accomplishments

- ▶ ***We have developed a plan to prepare the scientific community for analyzing GLAST data. This was done in response to SWG action items.***
- ▶ ***Documents prepared:***
 - *PDMP (drafted)*
 - *SSC Functional Requirements Document (baselined)*
 - *Data Products Working Group report (1st cut at the data products that will be passed between Ground System components)*
 - *SSC-HEASARC MOU (drafted)*
 - *Database requirements documents (internal)*
- ▶ ***Presentations at conferences and workshops about data system and scientific expectations.***



Issues/Problems

- ▶ *The development of the science tools is diffuse. The development responsibility rests with the LAT team, and the developers are distributed over the globe. The tools will be object-oriented software developed within the LAT team's software development environment; the learning curve is steep, and scientists need the assistance of programmers. SSC scientists are working with the LAT team and professional programmers to produce a robust analysis system on time.*

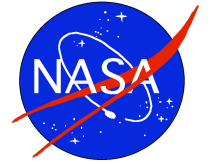


Upcoming Events

- ▶ ***Reviews of SSC operations will be within the Ground System reviews: the Mission PDR/NAR; Ground System requirements review (6/03); Ground System PDR (12/03); Ground System CDR (2/04).***
- ▶ ***We will support the revision of the Operations Concept Document (5/03) and the creation of the GDS Requirements Document (6/03).***
- ▶ ***We plan to close some action items at the next Science Working Group telecon.***
- ▶ ***A Beowulf system should arrive in next month for testing database architectures.***



Rolling Wave Schedule



- ▶ ***Our schedule will be discussed in Mike Rackley's Ground Systems report.***